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PROPERCE FOR SABMILLED to the sacoustic



## HOMCEOPATHIC MEDICAL COLLEGE

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## Mathisis Pulmonalis.

The term phothisis is used to denot that form of luterculous disease in which the lungs are principally affected. In these organs it is first-developed, and here are manifested the most interesting and important of its symptoms. It prevails throughoutourland, but to a much greater extant in the northern then in the Southern Catitudes. His restimated that about one sixth of the death occurring north of the tropies is curs--ed by this drewded disease. Those who are constitutionally predis posed to it are said to possess the tuberculous or scrop-- whow diatheris; that is a predisposition te deposit a peculiar substance which

from the form it assumes in many tissues is called to bercle. This diatheses is thought to be indicated by certain physical peculi--arities, as a clear sory complexion, soft-delicate skin, large The eyes with long lushes, Thick lips expecially the upper lone, narnow thest and in Thildhood a spright by disposition and precious intellect. The nature of this peculiar deposit which is conveyed by the blood, and which may occurs in almy part of the system where The blood firculates, and the develope ment of which is attended with such fatal results has not get been decided. When first deposited it is gray semitionsparent and hard, soon becoming yellow opaque and soft. It is thought to be somethree deposited in the Gather Josm, which is its crude state. These deposits may

take place in small isolated bodies or in irregular inflitrated masses. The small isolated bodies are called miliary tuber -cles and vary in size from a millet seed to a pea, and are Sometimes evenlarges. Intercles when deposited may a down--ce to their crude state and remain quiescent until some accidental or un-- Known circumstance rouse Them into action. When tweercular matter is deposited in the gray semitrumspare ent form, a yellow sport soon makes its appearance near the centre of the deposit which continues to extend un til The whole becomes yellow opaque and soft. When the tubercular bleposito have maturated inflammation and ul--ceration set in, a passage is established between the tubercle and bronchia, one or

more of Which communicate with a tuber -cle, the contents of the tuberele are dia-- Thought, leaving a cavity technically called a vomical these varicae are linedby a false membrane which secretes d/puo Tike substance which continues to be discharged for sometime. This mem-- brane is formed by fibrinous regarda--tion and is continuous with the mucous onembrane of the bronchia. Sometimes These carities on vomical coalesce forming one immense car--en not-emprequently comprising the whole upper lobe of a lung. These favilies are Seldom a never found in the low--cr proction of the lungs; The isotated Intercles however are found scattered in all parts of the organ. Of the two the left lung seems to be the most obnox-

ions to tuberentur deposits. The origin of tubereles has been and is still a subject of great interest. Some pathologists maintainthat They are a product of inflammation; but the argument urged against inflammation po The problecing cause of tubereles is that those parts of the lungs the most prone to inflammatory attacks are seldom The seat of, and have the fewest tuber--cles, and that those portions of the lungs in which deposits are most frequently found are sarely affected by inflammation. Inflammation Sometimes precedes and is often the result of the development of tubereles, but that they are the result of an inflammatory phro--cess is now generally disbehived by the profession. Another interesting subjectand one of much controversy, if the mode by

Which softening is produced in tubereles. Some contents that an inflammatory con-- Oution is excited by infiltrated Murulant or serous fluid secreted by the investing tissue of the Intercles but others equally eminent as authority among whom may be mentioned I crehnee and Louis are apposed to This opinion. The are bette suppose from certains observable facts That This change in tuber -cular deposits is owing to the peculiar nature of the substance. Sometimes The development of tubercles is arrested and nature establishes a process by Which The animal portion of the taber -cle is absorbed, the earthy portion remaining in the form of a chalky concretion which is comparatively harmless. Another process by which tuber-

- cles are sometimes healed consists in The contraction of the walls of a cavity after its contents have been concuated. a creating remaining Canoting Where once had been a tuberely. So inspelious is This formidable disease in its attack that the Citadel is stormed before the unwary biotim is alarmed. Of generally commen--ceo with a dry hadking cought so slight at first as & cause no emeasiness, But grad--ually increasing in severity, and Loonat tended with a bruncus expectoration, which at first is transparent, but soon becoming yellowish and opaque. The cough which is I one of the most prominent symptoms, is supposed to be owing in the carly stage to bronchial irritation produced by the tu-- berches acting as foreign bodied in the lung. As the Olisease progresses the cough becomes

very troublesome preventing the unfortunate patient from obtaining lang refreshing rest. This increase of the bough is attributed to the tubercles having advived at that peri--od when their contents seekt be dis-- Charged, and also to the bronchial inflam-- mation caused by the irritating matters Coming in contact with the bronchial membrane. At this stage the character of the cyprectoration is materially attered, the Sputa having a distinct globular form of a greenish gellow colour, thick semifluid Consistency, and is often streaked with yellow in dicating tiguified tuberculous mat. I to. When these flistinct globular sporta are discharged into water They flatten but retain their distinct form and float as sink as they are more or less mixed with mnews. The distinct sputa

are seldom observed in any other disease of the chest, and sometimes they are wantling in phthisis, the expectocation being Smore like that noticed in the purulent stage of Thronie bronethitis, Which is more aft to be the case if there are large vom--ieue in the lungs. The quantity exper-- torated varies in different - Jases, in some being quite copious and in others searceby proticeable. Vometimes the discharge of pro suddenly ceases, which is althibut ell to the cavity having taken on a heal--thy action; but other tubereles soon mut-Jurate and the discharge is again renewed. On the advanced period of the disease, the pros frequently presents a zusty or brownish appearance, and the cough becomes deep and hollow, which is one of the futal signs. The cough and expec

toration not unfrequently cease a few days previous te dissolution. Dyapuvea is a symp--tom most usually present in the later stages of phthisis Sout which however is sel-- Som troublesome unless there be compli--cation with some other disease of the chest, when it may cause extreme suffering. Cases are mentioned where the patients were obliged to maintain the sitting posture for days and even weeks before death. That Ayspnoen is not more frequently a prom-- inent symptom is attributable to the fact, that the amount of blood becomes propotioned to the diministred cupae 1-ity of the lungs. To omouthage may Secure at any prerived of the Misegae, Entrusually more frequent in the first Then at any subseguent stage. I copious hoemophysis occur at an adfunced period

of the chisease it is most probably owing to some large vessel having been spiel opened by alceration. The dymptom cousing the patient more discomfort thenang other, is the night sweats which are often so profuse that the Sheets in which the patient has slept may be wring. Therexhaustion from these sweats is refitteene, cuising the poor patient to dread the Thoughts of sleep. Hatson mentions a case of a poor fel-- low who was so troubted by nochumal per-Spiration that he slept for several suc--cessive nights in a sitting posture in hope of obtaining relief and on those nights he had no perspiration. These sweats are the thought to be owing to a debititated con-- Ohtion of the capillaries which allows the watery portion of the Blood to escape readily and that they occur during sleep because the

vital forces are then the most depressed. Next to the cough a frequent pulse is found to be the most constant in pl thisis. Ships exercise causes great acceleration, and fre--quently it will rise as high as one him-I cleed and twenty or thirty in a minute. Sometimes it is not increased beyond its normal standard during the whole course of the Olisease. Enfacration and debility are prominent Symptoms, the appetite man be good but day by day There is a wastriff away inclicating little plainly that there is a cause underning ing the system which the vital powers Connot resist. The debitity is not usually proposionals the loss of flesh, the patient not unfrequently retaining sufficient strong-If to will about even to the day of death. Gastrie symptoms are frequents there is

often fram in the oping astrien which is most generally attended with nausea and vomiting. The vomitings are usually mens in their cha-- weter; rately bilions. Dearshoen is another common symptom and one excelling by harassing to the patient. It generally ap -- pear after the Clisease is somewhat a drome -ed. It was formerly believed that the diar-- Thosa and perspiration for an inverse ratio to each other; but according to Louis and others it seems to have been an erroneous opinion. It has been observed that when chronie gastritis emed chairhoea are present in the early stages of the chisease that its course is much onlove Expid. On phthisis the male Defual organs are but little affected; in the femfale however, these organs are com--monly affected. Inpression of the minses is of frequent occurrence, and is thought

to materially increase the danger. Many suppose that pregnancy and factationex est a favorable influence over the disease; Symptoms that were alarming have been known to disuppear frequently du--zing gestation, and young married women are known to have been free from Lymptoms indicating the disease for many years of child bearing and musing who previously had all the signs of confirmed Whithisis. In the commencement of the disease the physical signs are Somewhat doubtful. If pereussion be made upon a under the claviele a slight duliness may be perceived, and it is quite a signifdont sign if a greater Chillness is perce -well upon one side then upon the other, particularly if it is greater whom the left side. The first auscultatory sign noticel

is feebleness of the respiratory mummer Just below the claviele. As Consolidation of The lung or lungs becomes more complete The vesicular breathing gives place to bron-- Chial respiration and broncof thom; the experatory sound is prolonged which is considered as a very Characteristic sign of this stage of the berentous deposition, and sometimes the inspiration is very irregular, being wavy or Jerking. As the Clisease progress--es the Whysical Signs become more plom-- inent, the mucus and subcrepitant rule, and Sometimes the sonorous and sibilant Tales are heard in the same situation; percussion become more dull and the vibrahons caused by the cough and voice become perceptible to the hand. When a vomicae is forming the lung its progress can be followed with considerable accuracy.

When a vornica has opened into the brin-Thi percussion is still dull, the vitra--tory motion produced by coughing and Speaking continues; but in additions to these other symptoms now present themselves. The enhance and exit of air produces a sound said to be well expressed by the word gurgling. Faennes calls it gargouilfement. This Sound is caused by the passage of air through a liquid. When the chvities be--come empty a different sound is heard denominatel covernous respiration; if the cavity be large it is a hollow Sound: but the Ereaking Sound proc - Omcell in the little cavities also comes under the head of cavernous respiration. When the walls of the large cavities become firm the voice and respira-

tion assume what is called an amphorie Esonance, a Sound Which can be easily imitated by blowing into a decanter with the mouth a short distance from the neck. The sound called metallie tinkling is also heard. These signs are said to be unfailing indi-- cation of cavities. The duration of the Olisease varies; It may be very rupics in its course, terminating in a few months or even two as there weeks. When thus Expid it is callell acute phthisis; in common parlance quick or gallofring consumption. More often it thingers along for one orme years. The causes and predisposing and excetting. Among the former an inherited prediof rosition is consedered the most influential. The

exciting causes are anything that isistates or finglames the lungs. Febfile action is an efficient exciting cause; also continued morbit revacuations, the healing of old ulcers, resolutions of externol derofulous turnous, cessation of the min-- ses and childbearing. About the treat -- ment-little need be said. Le consumption curable? is a question which hus been asked times innumerable. That persons suffering with the disease do occasionally freover is known to be true; but that treatment has anything to do with there recoveries no one can prosetively. Wodoubt by proper hy genie measures and safe remedies the dife of the patient may be prolonged perhaps for years.

